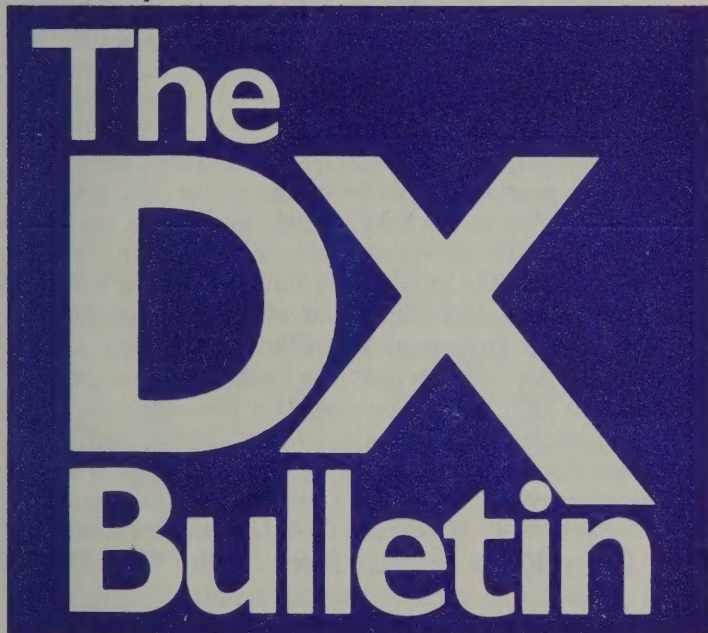


Uganda - 5X James Archer N3JCL and Paul Rubinfeld

WF5T have received their Uganda callsigns: **5X1XA** and **5X1XB** respectively. Paul says that the 5X1X-block will be issued to visitors, while residents will get single-letter suffix calls, such as **5X1A**. While in Uganda April 27-May 12, Paul will concentrate on CW and RTTY, and James will handle the SSB duties. QSL 5X1XA via N3JCL, 855 Springdale Dr., Exton PA 19341. QSL 5X1XB via WF5T, Box 4909, Santa Fe NM 87502. They will favor the usual DX frequencies, 40-10 meters, including the new bands, if permitted. Donations gratefully accepted. Also, Frank Turek DL7FT has said on the air that he will head for Uganda after his **5R8DJ** Madagascar operation.

Laos - XW Hiroo Yonezawa JA2EZD and JA6LDD will operate **XW2B** Apr. 27-May 3.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Madagascar - 5R JA1OEM will operate from 5R to April 12, on 160-6 meters. Try 1825 3512 7015 and 10104 kHz on CW, and 3800 7042 14155 18115 21255 24955, and 28505 kHz on SSB. 6-meter beacon frequency is 50123 kHz. QSL home call. (**JDXN**.)

Last Minute WPX SSB News

- **XT93BW** is the WPX callsign of Peter XT2BW.
- **TK6A** is a multi-op from Corsica; QSL via F6AJA.
- **PJ9X** will be active from Curacao, with Marko Myllymaki OH6DO at the mic. Marko will sign **PJ2/OH6DO** outside the test, to March 31. QSL both calls to OH1VL.
- **OH1EH/OH1Q** will be a 20-meter single-band entry from Aland Island; QSL home call. **OH0MAM** will be a 15-meter single-band entry; QSL OH2MAM.
- **FO8AA** will be a multi-op entry from French Polynesia.
- **PZ5DX** will be operated by K3BYV, to April 5.

Shortly Noted

- **9G5AA** is still on schedule, and their license is in hand, according to DXPress. See Issue 674 for more details.
- **Libya 5A**: NT2X has received a fax from Romeo 3W3RR stating the Romeo and three other operators will be active from Libya around the end of the month, for 10-14 days. Callsigns to be announced just before the operation, to reduce pirate activity. QSL via Box 812, Sofia 1000, Bulgaria. They may also go to Tunisia 3V afterwards.
- **Aland Island OH0** will be available April 3-10, or maybe to the 12th, with **OH0LQK**, **OH0NLP**, **OH0MEP**, **OH0MFP**, and **OH0MYD**, on all bands, 160-10 meters, including the new bands, on CW, SSB, and the digital modes, according to the OPDX bulletin.
- **Mozambique** has revised their callsign structure to conform to international standards. Thus ex-C9RJJ is now **C91J**, and ex-C9RDM is now **C91S**. Same QSL routes as per previous callsigns.
- **XQ0X** on San Felix is currently available on CW. John himself muddles through, slowly, and will bolt when the pile-up gets unruly. Some higher-speed CW contacts have been made with a second op, Julio CE8CWO, who will be sporadically active for the next three weeks. Try 2130-0130Z for John, and around 0200Z on 14064 kHz! for Julio.
- **5X1B** has been noted on 21029 kHz at 2030Z, using a very small split, never more than 1.2 kHz. Maybe he's using RIT? Try calling him below his transmitting frequency, as one would work ZL1AMO.
- **Southern Sudan** may formally break with Sudan, depending on the results of a conference in late April or early May. John Fung-Loy PA3CXC is monitoring the changes, and will be on the air as work permits.
- **CE9OH** is active from Bernard O'Higgins Base in Antarctica until the end of the year. Try 14190 kHz at 2000Z Sundays. (**DXML**.)
- **Silent Key**: Walter DK3RK, long-time awards manager for the German DARC, and 30-year editor of the **DXMB** and its English-language counterpart, the **DXML**. [The **DXML** has ceased publication with Issue 833, March 1, 1993. The **DXMB** continues, in German only. -ed.]
- **SSB Net** check-ins: **14227**: (11,21Z) S92YL UM8NU; **21335**: (14Z) YC4FP UD6DR AP2JZB 4N5JA ZB2IW Z21GZ YK1AO.
- **Rumor department**: **Andaman Islands VU4** by VU2SMN at the end of the month. No confirmation from VU.
- **RTTY**: Sid G4CTQ will operate from Ethiopia ET, concentrating on RTTY, according to DXPress. Spots: **V51GB** 14087 2100Z, **VR6BX** 14083 0130Z; **XX9LF** 14083 0730Z; **S21A** 21085 1510Z; **XT2BW** 21087 1200Z; **ZC4SF** 14089 1830Z; **OD5PL** 14088 21010Z; **SU1AH** 14086 2015Z.
- **Islands On The Air**: **SM7CRW** is on Oland Island (EU-037), not to be confused with Aland Island. He'll be especially active in the WPX SSB test on all bands. QSL *Callbook* address.

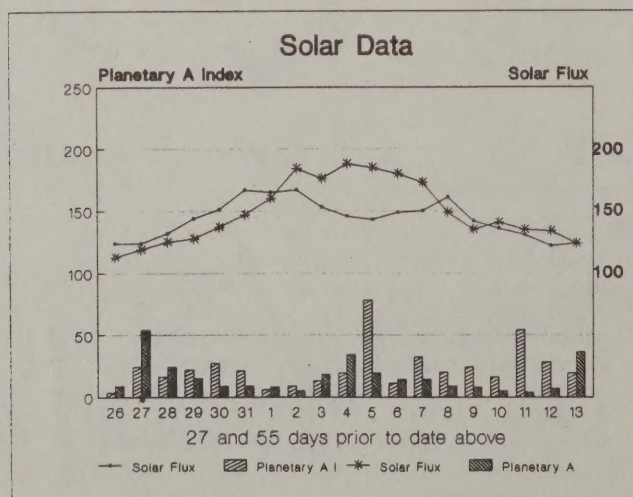
Propagation Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
March 1993		Date Flux A K	Date Flux A K
26	High Normal	2/27 124 02/04 1	1/30 113 10/09 2
27	Low Normal	2/28 124 21/24 2	1/31 119 40/54 4
28	High Normal	3/1 132 12/16 2	2/1 125 21/24 3
29	Low Normal	3/2 144 15/22 3	2/2 128 14/15 3
30	Low Normal	3/3 151 19/27 3	2/3 137 06/09 2
31	High Normal	3/4 167 20/21 1	2/4 147 06/09 2
April 1993			
1	Above Normal	3/5 165 05/06 0	2/5 160 06/08 2
2	Above Normal	3/6 167 08/09 2	2/6 184 02/05 0
3	High Normal	3/7 153 11/13 2	2/7 176 18/18 4
4	Low Normal	3/8 146 19/19 3	2/8 188 29/34 3
5	Disturbed	3/9 143 51/78 2	2/9 185 17/19 3
6	Above Normal	3/10 149 09/11 1	2/10 180 11/14 4
7	Below Normal	3/11 150 29/32 5	2/11 173 14/14 2
8	High Normal	3/12 161 20/20 4	2/12 149 11/09 1
9	Low Normal	3/13 142 23/24 4	2/13 135 09/08 1
10	High Normal	3/14 136 16/16 3	2/14 141 05/05 1
11	Disturbed	3/15 131 39/54 3	2/15 135 01/04 0

Propagation Watch

Sunspot Region 7448 disrupted the normally excellent band conditions around the equinox (March 20). Region 7448 produced several significant flares, which caused some short-term radio blackouts on the sunlit side of the earth, followed a day or two later by some geomagnetic storminess. Region 7448 has rotated to the back side of the sun, but a persistent coronal hole may continue the series of geomagnetic storms this week. (Unlike Sunspot Regions which seldom survive more than a couple of 27-day solar revolutions, coronal holes may persist for months.)

The coronal hole may disrupt band conditions this weekend. In the absence of such disruption, band conditions are expected to be very good on all but polar paths. Solar flux remains high enough to open 10 meters during the day at least as far north as due east-west (east coast to southern Europe; Pacific northwest to Japan.) Long paths that pass through polar latitudes are disrupted, but low-latitude long paths continue to be productive. At this time of the year, most bands are open to some part of the world at local sunrise and sunset. Good hunting!



The 4U1ITU/DF8AN QSL Situation

In Issue 679, we mentioned that a reader had received a 4U1ITU QSL card from DF8AN in his original envelope mailed to Germany, apparently resealed, and marked 'Refused.' Since then, several other readers have called or written to say they received their 4U1ITU QSL card from DF8AN in the same fashion. One reader had protested to the DXCC desk, to no avail. The DX Bulletin followed up on this situation.

Bill Kennamer K5FUV, DXCC Specialist, explained that the DXCC desk did not feel that this was a violation of DXCC Rule 12 (ethics) because the DXers had received their QSLs cards from DF8AN without any requirement for additional payment. [Several of the readers who reported receiving their cards in this unorthodox manner agreed. They had their cards; what difference did it make how they got them?] Bill said this appeared to be a case of mail fraud against the German postal system, but not a DXCC problem. He did say that the DXCC desk would send a letter to DF8AN asking him to stop this practice, if they heard from more than the one DXer who complained.

DF8AN is apparently adept at opening and resealing envelopes. "A real professional job," is how one DXer describes the returned envelope.

If you received your 4U1ITU card in this manner, and feel the practice should be nipped in the bud, drop a line to that effect to the DXCC desk. Meanwhile, perhaps the German postal service should have a talk with DF8AN. And maybe 4U1ITU should deny future operating privileges to DF8AN. What do readers think of this situation? -ed.

RSGB International HF Convention

The Radio Society of Great Britain has changed the dates of the 1993 HF Convention. It is now scheduled for Oct. 8-10, at the Beaumont Conference Centre, near Heathrow Airport. For more information, send an addressed envelope to the HF Committee, P. O. Box 599, Hemel Hempstead, Herts HP3 0SR, United Kingdom.

Judge Rules Against Ham Radio, Part II

In Issue 678, we described the recent ruling by a Florida judge against two Vero Beach DXers, who were ordered off the air. Despite a 1991 Florida law prohibiting such actions that fail to conform to PRB-1, the Browers remain off the air. As of March 12, their appeal is pending, and WA4NST and N4XLF are still QRT, except for two-meter mobile and guest operations at another ham's station. A fund has been established to assist with their legal costs. Contributions to the Brower Legal Defense Trust may be sent to James H. Laseter N4ZYX, Trustee, 2716 Robin St., Ft. Pierce FL 34982.

QSLs Received

- From managers: FK8GJ (F6CXJ 18 DYS), CY0NSM (VE1CBK 5 MOS with US stamp), RB3JA (N4NWT 2 WKS), UL0A (K2OVS 1 WK), UL8ACI (K2OVS 1 WK), 8R1K (OH0XX 10 WKS), J79MAE (DL5MAE 8 WKS), ZA1A (OH2BBF 8 MOS), UM8DX (FD1OJO 5 WKS), KH0AC (K7ZA 3 MOS), 5X5WR (DJ6SI 3 MOS), S21ZG (W4FRU 4 WKS), ET3BC (K4PHE 5 MOS), 9ER1TB (K4PHE 5 MOS), 3D2UU (DF2UU 14 MOS; SAE and US\$2 sent, returned via the bureau), VU/HA5BUS (GLOBEX 14 MOS), S92AA (F6AXX 9 MOS), 3X0IINU (F6FNU 1 MO), XU0UN (VK3OT 1 MO).
- Direct: EA9UK (5 WKS), V44KAI (3 MOS), TU4EC (3 MOS).

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

RTTY

7Q7XX	28091	1314	20	FL
7Q7ZZ	28088	1433	20	FL
A22BW	28098	1241	20	FL
ERØF	21086	1249	20	FL
HC8J	28086	1618	20	FL
HZ1AB	14084	2130	20	FL
LY2ZZ	21086	1840	19	FL
V51GB	14090	2101	17	PA
ZD8LII	28080	1512	20	FL

160 Meters

GD4BEG	1835	0438	10	VA
--------	------	------	----	----

80 Meters

4N4ANT	3506	0210	8	AL
5B4ADA	3501	2240	13	MA
6W6JX	3503	0428	18	MI
A35QC	3503	1122	20	FL
JA9BOH	3509	1230	11	KS
UJ8JI	3503	0109	10	VA
XE2MX	3509	1415	15	CA
ZS4TX	3507	0430	9	CA

75 Meters

4N4XX	3799	0509	15	CA
7X2BK	3800	2252	9	MA
9V1XQ *	3788	2251	14	MA
CP5NU	3795	0936	14	CA
FK8CP	3795	1153	13	CA
HC8A	3792	0055	15	IA
P29JA	3795	1230	13	CA
S57IX *	3788	0312	14	CA
SM5EDX *	3799	0317	14	CA
VK6LK *	3799	2214	13	MA

40 Meters

3XØHNU	7006	0733	15	FL
4K1FK	7023	0356	18	MI
4N4ENS	7002	0427	11	SC
9V1YC	7007	1500	10	CA
9X5HG	7012	0140	18	GA
BV4CT	7003	1445	9	UT
C91J	7009	0401	14	CA
EA6NB	7006	0517	18	MI
EC6NR	7024	2257	19	FL
FK8GJ	7006	1200	16	IA
GU3MBS	7010	2247	18	FL
JW5NM	7001	0530	15	IA
OD5/	7008	0135	18	GA
SP1MHV				
OX3MZ	7003	2243	18	FL
RB5VM	7003	0449	18	MI
TA2BK	7006	0142	18	FL
TA7M	7011	2320	14	FL
UJ8JMM	7010	0130	18	GA
V44KAR	7005	2235	14	FL
YN/	7011	0143	20	FL
SMØOIG				
Z21HS	7005	0440	15	IA

ZA1J	7005	0410	15	IA
ZA1J	7003	2335	9	VA
ZA1W	7006	0142	20	FL
ZD8DEZ	7018	2252	15	MI
ZD9CQ	7001	0330	18	MI

30 Meters

3B8CF	10101	0350	11	GA
3D2QB	10110	1350	17	PA
5R8DJ	10103	2242	15	PA
7P8SR	10109	0427	13	CA
7P8SR	10110	2232	19	FL
7Q7XX	10103	2200	11	SC
9A2AJ	10101	2352	15	FL
C91J	10109	0436	14	MA
CP4BT	10115	0031	10	VA
CU2AK	10100	0003	17	FL
FM5BH	10102	2312	16	PA
FO5BI	10123	0700	15	OR
FO5BI/P	10101	0234	15	PA
OM3LA	10101	2202	17	PA
RC2SA	10103	2235	19	FL
SV2BBJ	10102	2230	19	FL
SV2BOH	10101	0057	16	FL
VP2EE	10115	0234	18	PA
VP5P	10104	0033	15	FL
ZD8LII	10104	2333	16	PA
ZS6QU	10102	0448	14	CA

20 Meter CW

4K2RRC	14023	0208	11	CA
5H3RA	14017	2256	8	WI
5R8DJ	14005	0415	11	IA
9J2BO	14006	0110	14	UT
FO5IV	14018	0720	13	MI
FR5DD	14013	0311	13	CO
JT1BR	14005	1315	10	KS
JT1CS	14010	1225	14	KS
JWØC	14018	0010	8	WI
JWØF	14023	2206	10	VA
OD5/	14007	0205	7	KS
SP7LSE	14012	2330	14	MI
S51NP	14016	1647	15	ID
UI8IF	14018	1649	15	ID
UJ8JA	14005	0320	10	CO
UL7BAY	14013	0329	8	CO
UL8BWO	14013	0305	9	UT
UM8MDE	14018	0351	8	CO
UM8QDX	14021	0132	14	UT
UN7LZ	14015	0324	9	UT
UZ1OWZ	14014	0343	8	CO
VP9MU	14025	0049	16	FL
XQØX	14010	0401	13	UT
YB3OSE	14040	1314	8	GA
Z21HS	14004	0610	12	KS
ZD8VJ	14012	2044	13	MI

20 Meter SSB

A71A	14227	2114	8	MA
FH5CB	14256	0420	12	KS
FO4OK	14215	0440	13	CA
HC8A	14227	1123	14	FL

UN7LC	14224	0315	11	MD
VQ9AC *	14195	1225	15	IA
XU7VK	14197	1801	6	MD

17 Meter CW

3V8AS	18071	1620	11	VA
4U1UN	18073	2211	12	MI
7Q7XX	18077	1843	14	OR
C31LL	18072	1112	9	MD
FS/DF4VX	18078	1945	20	FL
GD3AHV	18070	1755	19	FL
OD5/	18072	1329	9	MA
SP7LSE				
VP5P	18075	1753	14	FL
VQ9AC	18077	1746	20	FL
XQØYAF	18071	0025	15	CA
ZD8DEZ	18075	2230	7	SC
ZS6BI	18086	2012	17	MI

17 Meter SSB

8R1RBF	18126	2135	8	MA
HKØEP	18139	0322	9	CA
T5/KJ6QO	18147	2105	15	VA
VP2MBO	18142	1838	14	MA

15 Meter CW

3V8AS	21025	1614	10	SC
4N5ET	21015	1622	10	SC
5R8DJ	21005	1952	17	MI
7Q7XX	21002	1710	12	ID
9A1CCY	21026	1318	8	GA
9X5HG	21030	2151	14	FL
BY9GA	21026	0034	9	UT
BZ4SBF	21021	0032	9	UT
C91J	21024	1809	19	FL
CX9AF	21014	2319	12	MI
HJØVGJ	21026	2330	16	GA
HSØZAA	21024	1910	13	MI
PZ1DY	21030	1306	10	GA
T77C	21024	1655	7	KS
TR8GR	21025	0005	15	IA
TR8YA	21038	2115	14	MA
VU2BK	21050	1306	8	GA
VU2TTC	21013	1650	9	IA
XU2ZP	21023	0022	9	UT
YN1CC	21019	1258	9	GA
YN1CC	21023	2020	12	ID
ZA1EM	21019	1258	9	GA
ZA1Z	21020	1330	14	MI
ZP9XB	21026	2308	11	ID

15 Meter SSB

5R8DG	21340	1741	11	MD
5X1A	21232	2009	9	CO
6W1PZ	21300	1848	14	MA
9A1CCY	21289	1740	13	CA
9A3IJ	21266	1545	11	NH
A22MN	21325	1902	14	MA
EA9AE	21195	1243	13	MA
FO4OK	21303	1745	13	CA
KC6VW	21262	0015	9	WI
OD5BB	21296	1524	9	MD

S79MD	21229	1734	10	MD
S92SS	21306	0046	7	GA
T5/KJ6QO	21265	2157	11	MD
T5/N9OQS	21300	2100	15	VA
TZ6RM	21320	2144	10	CA
Y11DZ	21211	1432	11	NH
ZD7DP	21220	2055	12	MN

12 Meter CW

7Q7XX	24900	1414	14	MI
AHØAL	24892	0100	13	ID
LX1MU	24902	1804	19	FL
UC2AAA	24899	1746	19	FL
XQØYAF	24900	2125	14	FL

12 Meter SSB

KG4CW	24968	1550	14	MA
-------	-------	------	----	----

10 Meter CW

5R8DJ	28005	1200	14	MD
6W6JX	28027	1646	20	FL
7P8SR	28040	1250	14	KS
9J2HN	28013	1320	14	OR
C91J	28031	1647	20	FL
CP6RP	28031	1257	12	GA
EA6BH	28027	1739	20	FL
HKØER	28028	2148	13	MA
ISØBDF	28010	1322	14	FL
PZ1DY	28029	2058	12	ID
SV2BUF	28015	1732	20	FL
T77C	28023	1336	14	WI
Ti4CF	28020	1703	14	MA
TR8YA	28040	1307	12	GA
XQØYAF	28010	1807	19	FL
ZA1EM	28035	1307	12	GA
ZD8DEZ	28024	1940	11	VA
ZD8LII	28023	1359	13	IL
ZD8VJ	28013	1348	13	IL
ZS9ARA	28026	1754	13	MD

10 Meter SSB

3XØHNU	28480	1454	14	IL
5R8DG	28490	1600	14	MA
5R8DJ	28490	1430	14	IA
5T5SN	28452	1840	8	MD
A22EX	28480	1255	14	KS
C91J	28480	1554	12	NH
FK8GA	28492	0150	9	KS
FR5EL	28538	1321	14	NH
HC8A	28509	0038	18	CA
JZ8GG	28513	1903	9	MD
JD1/	28468	0135	15	IL
JA1MAO				
KH3AF	28495	1954	14	MA
OX3RO	28514	1820	14	IA
T3ØNAL	28420	0100	16	IL
TK5DL	28480	1418	14	FL
TZ6RM	28483	1705	13	IA
TZ6VV	28423	1750	14	IA
V51X	28540	1525	14	IA
VR6BX	28479	2230	12	CA
VR6JJ	28490	0135	13	OR

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland Island	OH0	OIHs	April 3-10	I681
Antarctica	CE9OH		14190 2000Z	Sunday
Anguilla	VP2E/NR1R		Mar. 23-31	I678
Ascension Island	ZD8VJ		Now-1994	I673
	ZD8DEZ		to August	I678
Bahamas	C6	N3NCW/C6A	Mar. 15-30	I677
Bangladesh	S2	S21ZG	7004 1200Z	I674
Belau	KC6s	VW SM	Mar. 28-31	I675
Cambodia	XU	XU7VK, others now active		I670
Cayman Islands	ZF	ZF2SP/SQ	Mar. 19-26	I678
		ZF2UH	Apr. 17-24	I681
Chad	TT	TT8OBO	Mar. 15-Apr.	I673
		TT8AKX	to Mar. 31	I674
Crozet	FT	FT4WD	Now	I670
Fernando de Noronha	PY0FM		Mar. 4-Apr. 1	I677
Galapagos	HC8	HC8A	Mar. 2-29	I674
		HC8J	Mar. 15-27	I680
Ghana	9G	9G5AA	late March	I674
Gough Island	ZD7	ZD7CQ	now-May	I680
Grenada	J3/	W1AIM	Mar. 18-27	I680
Guinea-Bissau	J5	SM0AGD	Mar. 22-Apr. 5	I679
Laos	XW	JA2EZD+	Apr. 27-May 3	I681
Libya	5A	TBA	late March	I681
Madagascar	5R	5R8DG	28544 14-1500Z	I672
		5R8DJ	to Mar. 28	I680
Micronesia	V63s	BM MK	Mar. 31-Apr. 4	I675
Nauru	C2	C21BR	to mid-Apr.	I669
Navassa	KP1	W5IJU/	Mar. 26-Apr. 3	I680
Netherland Antilles		PJ2/OH6DO	to Mar. 31	I681
Papua New Guinea		P20X	WPX SSB	I680
Qatar	A7	A71CW	now active	I675
Rwanda	9X	9X5AB	now active	I662
Saba	PJ/	N3NCW	April	I677
St. Martin	FS/	N3NCW	April	I677
St. Vincent	J8/	K7SE	Mar. 24-29	I680
San Felix	CE0	XQ0X	CW now	I681
São Tomé	S9	S92ST	now active	I674
Seychelles	S7	S79MD	now active	I670
Singapore	9V	9V1YU	15M 15-1700Z	I661
Somalia	T5/	KH6HBZ	to March	I676
South Orkneys		VP8GAV	Mar. 24-27	I680
South Georgia		VP8GAV	Mar. 29-Apr. 2	I680
Spratly Islands	1S	9M0S	postponed	I680
Sri Lanka	4S	G0IXC	Mar. 20-31	I679
Suriname	PZ	PZ5DX	to Apr. 5	I681
Taiwan	BV/	N4VA	to July	I676
		BV/N4MQX	Apr. 9-20	I679
Uganda	5X	WF5T/N3JCL	Apr. 27-May 12	I681
United Arab Emirates	A61AD		Mar. 24-29	I678
Wallis Island	FW/	JF1WQC	Mar. 24-31	I679

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Mar. 27-28	CQ WPX SSB test	<u>CQ</u>
April 16-18	Visalia International DX Convention	
April 23-25	Dayton Hamvention®	

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Albania	ZA1Z	21015±	13-1500Z
Balearic Islands	EA6NB	7005	0440Z
Bosnia-Herzegovina	4N4XX	15M SSB	1600Z
Croatia	9A1CCY	21290	1700Z
French Polynesia	FO5BI	30M CW	0700Z
Guinea	3X0HNU	7008±	0730Z
Iraq	YI1DZ	15M SSB	1430Z
Johnston Island	KH3AF	28495	2000Z
Lebanon	OD5/SP7LSE	14010±	2330Z
Mauritius Island	3B8CF	10102	03Z Fri.
Mozambique	C91J	28480	1600Z
Mozambique	C91J	10M CW	17Z Sat/Sun
Reunion Island	FR5DD	14010±	0300Z
Senegal	6W6JX	28026	1645Z
Senegal	6W6JX	3503	0430Z



P. O. BOX 50
FULTON CA
95439-0050 USA
(707) 523-1001

Copyright The DX Bulletin. All rights reserved. The DX Bulletin (ISSN 0279-8077) is published 50 times per year, weekly except weeks #27 and #52 of the calendar year, by Chod Harris at P.O. Box 4881, Santa Rosa CA 95402 USA. Telephone (707) 523-1001; Fax: (707) 523-1001. One-year subscription rates are \$32 by Second Class Mail, \$42 by First Class Mail (including Canada and Mexico) and US\$55 Foreign Airmail. Second Class postage paid at Santa Rosa CA. Postmaster: Send address changes to The DX Bulletin, P.O. Box 50, Fulton CA 95439-0050. Use this address for ALL purposes.

Somalia	T5/N9OQS	21290±	2100Z
Taiwan	BV4CT	7004	1445Z
Turks & Caicos	VP5P	10103	0000Z
Zimbabwe	Z21HS	7005	0440Z
Zone 23	UA0YO	20M CW	0200Z

Contributors

This Issue would not have been possible without the assistance of our dedicated reporters: , DXpress, JA2EZD, K1HDO, K3BYV, K4BAI, K4GLU, K4II, K4IQJ, K4LNA, K6IR, K6LEB, K7EX, K7UOT, K8JJC, K8JLF, K9AU, KA7T, KB1NS, KC0EI, KG4O, KI7Y, KJ4VH, KM9J, KN4FY, KT7H, N0ABA, N2GLH, N2KK, N3JCL, N4UU, N4YKD, N6JQL, OH1EH, OH6DO, OPDX, W0JRN, W0RXL, W1FV, W3NB, W4VQ, W6BJI, W6EFB, W6HF, W6WKE, W8CT, W9HAO, WA1NPZ, WA3EEE, WA9AQE, WB8ZRL, WD9GGY, WF5T, WO6R, and WU6T. Many thanks!